

Title (en)
THIN-FILM SOLAR CELL

Title (de)
DÜNNSCHICHT-SOLARZELLE

Title (fr)
PHOTOPILE A COUCHES MINCES

Publication
EP 0958615 A1 19991124 (EN)

Application
EP 97934785 A 19970730

Priority
• NL 9700446 W 19970730
• NL 1003705 A 19960730

Abstract (en)
[origin: WO9805077A1] The invention relates to a thin-film solar cell provided with at least one p-i-n junction comprising at least one p-i junction which is at an angle α with that surface of the thin-film solar cell which collects light during operation and at least one i-n junction which is at an angle β with the light-collecting surface. In this context, the relationships $45 < \alpha < 135$ degrees and $45 < \beta < 135$ degrees apply. The invention also relates to a panel provided with a plurality of such thin-film solar cells and to methods for fabricating such a thin-film solar cell.

IPC 1-7
H01L 31/0352; **H01L 31/075**

IPC 8 full level
H01L 31/0352 (2006.01); **H01L 31/04** (2006.01); **H01L 31/075** (2006.01)

CPC (source: EP)
H01L 31/03529 (2013.01); **H01L 31/075** (2013.01); **Y02E 10/548** (2013.01)

Citation (search report)
See references of WO 9805077A1

Designated contracting state (EPC)
CH DE FR GB IT LI NL

DOCDB simple family (publication)
WO 9805077 A1 19980205; AU 3786797 A 19980220; EP 0958615 A1 19991124; JP H11514799 A 19991214; NL 1003705 C2 19980205

DOCDB simple family (application)
NL 9700446 W 19970730; AU 3786797 A 19970730; EP 97934785 A 19970730; JP 50830098 A 19970730; NL 1003705 A 19960730